APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/846,884	05/01/2001	Richard Hayton	2006579-0128 (CTX-065)	5895

24280 7590 02/22/2006	EXAMINER
CHOATE, HALL & STEWART LLP	CAO, DIEM K

	ART UNIT	PAPER NUMBER
CHOATE, HALL & STEWART LLP	2194	
TWO INTERNATIONAL PLACE		
BOSTON, MA 02110		

DATE MAILED: 02/22/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	09/846,884	HAYTON ET AL.
	Examiner	Art Unit	
	Diem K. Cao	2194	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *14 November 2005*.

2a)☐ This action is **FINAL.**   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-16* is/are pending in the application.

     4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-16* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

     a)☐ All   b)☐ Some * c)☐ None of:

         1.☐ Certified copies of the priority documents have been received.

         2.☐ Certified copies of the priority documents have been received in Application No. _____.

         3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

     * See the attached detailed Office action for a list of the certified copies not received.

WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date *11/15/06*.

4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

1.   Claims 1-16 are pending. Applicant has amended claims 1 and 8.

Continued Examination Under 37 CFR 1.114

2.   A request for continued examination under 37 CFR 1.114, including the fee set forth in

37 CFR 1.17(e), was filed in this application after final rejection. Since this application is

eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e)

has been timely paid, the finality of the previous Office action has been withdrawn pursuant to

37 CFR 1.114. Applicant's submission filed on 11/15/2005 has been entered.

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action: ,

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4.   **Claims 1-3, 6-7 are rejected under 35 U.S.C. 102(e) as being anticipated by Marcos**

et al (U.S. 6,429,880 B2).

5.   As to claim 1, Marcos teaches generating a user-interface for an application using a

program independent from the application (A graphical user interface and accompanying

functionality for binding Web page definitional elements to a back-end state; col. 4, lines 8-16;

col. 7, lines 9-16), the application comprising the plurality of components (guest book

application, guests; col. 13, lines 5-15), inserting at least one element into the user-interface

(component window ... to the component; col. 9, lines 35-38 and col. 12, lines 45-46), and

associating at least one property path with the at least one inserted element (aguest.name,

aguest.email; col. 13, line 60 – col. 14, line 5 and col. 16, lines 1-13), the at least one property

path including a concatenation of a plurality of identifiers

(guestDispalyGroup.selectedObject.name; col. 16, lines 10-13 and col. 17, lines 34-35), the

concatenation of identifiers defining a path through the plurality of components of the

application to a property at the end of the concatenation (name, email; col. 13, line 60 – col. 14,

line 5 and col. 17, lines 34-35).

6.   As to claim 2, Marcos teaches determining a list of property paths associated with the

application (Object browser ... to the HTML INPUT element; col. 10, lines 55-57 and col. 11,

lines 61-64), and selecting the property path from the list to associate with the one inserted

element of the user-interface from the list of property path (Binding flow; col. 14, line 45 – col.

15, line 14).

7.   As to claim 3, Marcos teaches   receiving a property path description file associated with

the application, the property path description file including a plurality of identifiers associated

with the application and a relationship between the plurality of identifiers (e.g. col. 8, lines 1-27;

col. 9, lines 45-59; col. 10, lines 55-64 and col. 13, lines 42-47).

8.   As to claim 6, Marcos teaches providing at least one predefined element, and enabling

selection from the at least one predefined element to insert the selected predefined element into

the user interface (Element section 504 ... generate template 330; col. 9, lines 35-44 and

Instances of palette can be used to drag and drop HTML elements into the main component; col.

12, lines 45-46).

9.   As to claim 7, Marcos teaches the predefined element comprises one of an image type

user-interface element, an iterator type user-interface element, a text type user-interface element,

a hidden type user-interface element, a value type user-interface element, a slider type user-

interface element, a tree view type user-interface element, a button type user interface element,

an iframe type user-interface element, a tab type user-interface element, a flipflop type user-

interface element, a desk type user-interface element, a dropdown type user-interface element, a

radio type user-interface element, and a script type user-interface element (See Figs. 4A-4D, 5, 7;

col. 6, lines 35-49, col. 8, line 28 – col. 9, line 16).

Claim Rejections - 35 USC § 103

10.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

11.   **Claims 4-5 and 8-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over**

Marcos et al (U.S. 6,429,880 B2) in view of Burd et al (U.S. 6,792,607 B1).

12.   As to claim 4, Marcos does not teach executing the application, and interacting with the

executing application to determine a plurality of identifiers associated with the application and a

relationship between the plurality of identifiers. Burd teaches executing the application, and

interacting with the executing application to determine a plurality of identifiers associated with

the application and a relationship between the plurality of identifiers (e.g. col. 5, lines 1-25; col.

10, lines 13-35 and col. 14, lines 49-54 and Figs. 1, 6-7). It would have been obvious to one of

ordinary skill in the art at the time the invention was made to combine the teaching of Marcos

and Burd because it provides a method to bound data to server side data table.

13.   As to claim 5, Burd teaches transmitting a request to register for a property change

message corresponding to the property path associated with the element of the user-interface

(e.g. col. 10, lines 60-67 and col. 15, lines 1-17).

14.   As to claim 8, see rejection of claim 1 above. Burd further teaches a property connector

module independent from an application program (libraries of pre-developed or third party code,

server-side class control library; col. 6, lines 60-66 and a client-side control class library; col. 7,

lines 10-11).

15.   As to claims 9-14, see rejections of claims 2-7 above.

16.   As to claim 15, Marcos teaches the client node including a user interface having one or

more elements (Web page, definitional elements; col. 4, lines 14-16), and the client node

including a client portion of the property connector module (component window; col. 9, line 30 –

col. 10, line 19).

17.   As to claim 16, Burd teaches the server node including the application, and a server

portion of the property connector module (server-side class control library; col. 6, lines 62-66,

non-user-interface server component 130; col. 7, lines 46-48).

Response to Arguments

18.   Applicant's arguments with respect to claims 1-16 have been considered but are moot in

view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Diem K. Cao whose telephone number is (571) 272-3760. The

examiner can normally be reached on Monday - Friday, 5:30AM - 2:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, William Thomson can be reached on (571) 272-3718. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Any inquiry of a general nature or relating to the status of this application should be

directed to the TC 2100 Group receptionist at 571-272-2100.

Diem Cao

WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER